Getting to Know FGDC Metadata Exercise: Metadata Lookup Answers

Geologic Units and Contacts of Natural Bridges National Monument and Vicinity, Utah

1. Q. Does that data set meet National Map Accuracy Standards?
   A. 'The data is assumed to meet National Map Accuracy Standards'
   Found under: Section 2 - Data Quality, Horizontal_Positional_Accuracy Report, top of page 3

2. Q. Where can the data be downloaded from?
   A. ftp://gis01.nature.nps.gov/parkdata/nabr/data/nrdata/geology/gis
   Found under: Section 6 - Distribution_Information, Standard_Order_Process: … Ordering_Instructions:, top of page 9

3. Q. What is the spatial extent of the Data Set?
   A. -110.050324 (West), -109.963108 (East), 37.636856 (North), 37.568448 (South)
   Found under: Section 1 – Identification Information, Spatial Domain…Bounding Coordinates, bottom of page 1 and top of page 2

4. Q. Who is the source map author (i.e., Originator)?
   A. Huntoon, Jacqueline E.
   Found under: Section 2 – Data Quality, Lineage, Source Information, Citation Information, Originator, top of page 3

5. Q. Who is the Distributor?
   A. Tim Connors
   Found under: Section 6 – Distribution Information, Distributor, Contact Information, Contact Person, bottom of page 7

6. Q. Who is the Point of Contact for information about the data?
   A. Stephanie O'Meara
   Found under: Section 1 – Identification Information, Point of Contact, Contact Person, middle of page 2

Tallgrass Prairie DEM (TAPRELEG)

7. Q. What is the original source (Originator) of this data?
   A. NPS Midwest Field Area
   Found under: Section 1 – Identification Information, Citation Information, Originator, top of first page

8. Q. Where can the data be downloaded from?
   A. ftp://ftp.ncsu.edu/pub/unity/lockers/ftp/npsftp/pub/data/tapr/tapreleg.e00
   Found under: Identification Information, Citation Information, Online Linkage:, top of first page

9. Q. What type of spatial data is this? Where did you find your information?
   A. Raster.

Found under: Section 3 - Spatial_Data_Organization Information:, middle of page 3

10. Q. What coordinate system is used for the data?
    A. Universal Transverse Mercator
    Found under: Section 4 - Spatial_Reference_Information: … Grid_Coordinate_System:, bottom of page 3
11. Q. What is the resolution of the data?
    A1. 29 meters (best)
    Found under: Section 4 - Spatial_Reference_Information: … Planar_Coordinate_Information, Abscissa and Ordinate Resolution, top of page 4

    A2. 12 meters or 1:24,000 (OK)
    Found under: Section 2 – Data_Quality_Information, Positional Accuracy, Horizontal Positional Accuracy Report, middle of page 2

12. Q. What are the elevation units of the data?
    A. meters
    Found under: Section 5 - Entity_and_Attribute_Information: … Attribute: … Attribute Definiton: *or* Attribute_Units_of_Measure:, middle of page 4

13. Q. What type of DEM product is this data?
    A. USGS Level 2 DEM
    Found under: Section 2 – Data Quality Information, Other Citation Details, bottom of page 2

7.5 minute Digital Elevation Models

14. Q. Who is the Originator?
    A. U.S. Geological Survey
    Found under: Section 1 Identification Information, Citation Information, Originator, middle of page 1

15. Q. How is this metadata record different from the previous ones?
    A1. Generic information about a whole suite of products—not a specific data file or coverage
    Found under: Section 1 Identification Information, Abstract, bottom of page 1

    A2. Status of 7.5 minute DEM is *In Progress* (ID Info page 2) while status of TAPR DEM is *Complete* (ID Info Page 1).

16. Q. What is a Level 2 DEM, and how is it different from a Level 1?
    A. Level 1 DEM: Level 1 DEM's are acquired photogrammetrically by manual profiling or image correlation techniques from National Aerial Photography Program (NAPP) or equivalent source photographs. Level 1 30-minute DEM's may be derived or resampled from level 1 7.5-minute DEM's.

    Level 2 DEM: Level 2 DEMs are produced by converting 1:24,000-scale and 1:100,000-scale hypsography digital line graph (DLG) data to DEM format or the DEM's are generated from vector data derived from scanned raster files of USGS 1:24.000-scale or 1:100,000-scale map series contour separates.

Found under: Section 2, Data Quality Information, Process Step, Process Description, bottom of page 6 and top of page 7

17. Q. What are the elevation units of the data?
    A. Feet or meters

    Found under: Section 4 – Spatial Reference Information, Vertical_Coordinate_System_Definition:, Altitude_Distance_Units:, middle of page 8

18. Q. What is the resolution of the data?
    A. 30 meters

    Found under: Section 4 – Spatial Reference Information, Horizontal Coordinate System Definition, Planar_Coordinate_Representation:, Abscissa/Ordinate_Resolution:, middle of page 8

19. Q. How is this metadata record associated with the Tallgrass Prairie DEM?
    A. Referenced in Tallgrass Prairie DEM record under Lineage:- Source_Information: - Source_Citation: - Citation_Information:

    Found under: Tallgrass Prairie DEM, Section 2 - Data Quality, page 2 bottom:

```
Citation_Information:
    Originator:
      National Mapping Division
      U.S. Geological Survey
    Publication_Date: 19980101
    Title: 7.5 minute Digital Elevation Model-Stong City, Kansas
    Geospatial_Data_Presentation_Form: other
    Publication_Information:
      Publication_Place: Reston, VA
      Publisher: U.S. Geological Survey
    Other_Citation_Details: Level 2 DEM in SDTS format
```